

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------|------------------|---------|------------------|
| S1    | 820  | (digital adj video) and (vga (video adj graphics adj (adapter array))) and ((@ad <= "19990914")(@rlad <= "19990914"))                   | USPAT | OR               | ON      | 2004/07/10 16:32 |
| S2    | 609  | (digital adj video) and (vga (video adj graphics adj (adapter array))) and ((@ad <= "19990914")(@rlad <= "19990914")) and bus           | USPAT | OR               | ON      | 2004/07/10 16:32 |
| S3    | 167  | (digital adj video) and (vga (video adj graphics adj (adapter array))) and ((@ad <= "19990914")(@rlad <= "19990914")) and (pci adj bus) | USPAT | OR               | ON      | 2004/07/10 16:33 |
| S4    | 181  | 348/556.ccls.   | USPAT | OR               | ON      | 2004/05/29 16:58 |
| S5    | 200  | 348/558.ccls.   | USPAT | OR               | ON      | 2002/09/17 17:58 |
| S6    | 157  | 348/558.ccls. not 348/556.ccls.   | USPAT | OR               | ON      | 2002/09/17 18:03 |
| S7    | 287  | 725/151.ccls.   | USPAT | OR               | ON      | 2002/09/23 11:20 |
| S8    | 14   | 725/151.ccls. and hdtv  | USPAT | OR               | ON      | 2002/09/17 17:59 |
| S9    | 39   | (348/558.ccls. not 348/556.ccls.) and hdtv  | USPAT | OR               | ON      | 2002/09/17 18:03 |
| S10   | 59   | 725/85.ccls.  | USPAT | OR               | ON      | 2002/09/17 18:10 |
| S11   | 8    | 725/85.ccls. and hdtv   | USPAT | OR               | ON      | 2002/09/17 18:10 |
| S12   | 1    | 348/511.ccls. and hdtv  | USPAT | OR               | ON      | 2002/09/17 18:13 |
| S13   | 69   | 348/511.ccls.   | USPAT | OR               | ON      | 2002/09/18 08:07 |
| S14   | 64   | 348/448.ccls. and hdtv  | USPAT | OR               | ON      | 2002/09/18 08:07 |
| S15   | 259  | 348/448.ccls.   | USPAT | OR               | ON      | 2002/09/18 08:57 |
| S16   | 195  | 348/448.ccls. not (348/448.ccls. and hdtv)  | USPAT | OR               | ON      | 2002/09/18 08:58 |
| S17   | 93   | 348/714.ccls.   | USPAT | OR               | ON      | 2002/09/19 13:46 |
| S18   | 19   | graphic\$2 and 348/716.ccls.  | USPAT | OR               | ON      | 2002/09/19 14:22 |
| S19   | 116  | 348/718.ccls.   | USPAT | OR               | ON      | 2002/09/19 14:23 |
| S20   | 19   | graphic\$2 and 348/714.ccls.  | USPAT | OR               | ON      | 2002/09/19 14:24 |
| S21   | 14   | (graphic\$2 and 348/714.ccls.) not (graphic\$2 and 348/716.ccls.)   | USPAT | OR               | ON      | 2002/09/19 14:33 |
| S22   | 21   | (graphic\$2 and 348/718.ccls.) not ((graphic\$2 and 348/714.ccls.) not (graphic\$2 and 348/716.ccls.))                                  | USPAT | OR               | ON      | 2002/09/19 14:33 |
| S23   | 83   | 348/716.ccls.   | USPAT | OR               | ON      | 2002/09/19 14:56 |
| S24   | 2    | 348/716.ccls. and 348/556.ccls.   | USPAT | OR               | ON      | 2002/09/19 14:57 |
| S25   | 2    | 348/714.ccls. and (memory adj buffer)   | USPAT | OR               | ON      | 2002/09/19 15:28 |

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| S26 | 11  | 348/714.ccls. and (frame adj buffer)  | USPAT                          | OR | ON | 2002/09/19 15:28 |
| S27 | 0   | 725/151.ccls. and (pci adj bus)   | USPAT                          | OR | ON | 2002/09/19 15:38 |
| S28 | 53  | 725/151.ccls. and bus   | USPAT                          | OR | ON | 2002/09/19 15:47 |
| S29 | 0   | (zoom adj video) and (transport adj stream) and (digital anj video) and (television) and (synch)              | USPAT                          | OR | ON | 2004/05/31 13:38 |
| S30 | 0   | (zoom adj video) and (transport adj stream) and (digital anj video) and (television)                          | USPAT                          | OR | ON | 2002/09/19 15:48 |
| S31 | 0   | (zoom adj video) with (transport adj stream) with (digital anj video) with (television)                       | USPAT                          | OR | ON | 2002/09/19 15:49 |
| S32 | 104 | zoom adj video  | USPAT                          | OR | ON | 2002/09/19 16:35 |
| S33 | 180 | (compressed adj video adj stream) and storage   | USPAT                          | OR | ON | 2002/09/19 16:36 |
| S34 | 164 | ((compressed adj video adj stream) and storage) and memory  | USPAT                          | OR | ON | 2002/09/19 16:37 |
| S35 | 47  | ((((compressed adj video adj stream) and storage) and memory) and (frame adj buffer)                          | USPAT                          | OR | ON | 2002/09/19 16:38 |
| S36 | 19  | (((((compressed adj video adj stream) and storage) and memory) and (frame adj buffer)) and (television or tv) | USPAT                          | OR | ON | 2002/09/19 16:39 |
| S37 | 287 | 725/151.ccls.   | USPAT                          | OR | ON | 2002/09/23 16:25 |
| S38 | 60  | 725/151.ccls. and (digital and stream)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2002/09/23 11:21 |
| S39 | 55  | (725/151.ccls. and (digital and stream)) and (storage or memory)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2002/09/23 11:22 |
| S40 | 86  | 725/134.ccls.   | USPAT                          | OR | ON | 2002/09/24 16:44 |
| S41 | 50  | 725/142.ccls.   | USPAT                          | OR | ON | 2002/09/24 13:47 |
| S42 | 192 | 345/788.ccls.   | USPAT                          | OR | ON | 2002/09/24 12:01 |
| S43 | 2   | 345/545.ccls. and 345/788.ccls.   | USPAT                          | OR | ON | 2002/09/24 11:58 |
| S44 | 180 | 345/520.ccls.   | USPAT                          | OR | ON | 2004/06/03 11:27 |
| S45 | 126 | 345/556.ccls.   | USPAT                          | OR | ON | 2002/09/25 16:12 |
| S46 | 32  | 345/545.ccls. and (digital adj video)   | USPAT                          | OR | ON | 2002/09/24 12:22 |
| S47 | 420 | 725/131.ccls.   | USPAT                          | OR | ON | 2002/09/24 13:48 |
| S48 | 130 | 725/139.ccls.   | USPAT                          | OR | ON | 2002/09/24 14:11 |
| S49 | 115 | 348/423.1.ccls.   | USPAT                          | OR | ON | 2003/05/27 11:31 |

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| S50 | 166 | mpeg and (transport adj stream) and (control adj data) and memory      | USPAT | OR | ON | 2002/09/24 17:31 |
| S51 | 169 | 348/460.ccls.  | USPAT | OR | ON | 2002/09/24 15:37 |
| S52 | 30  | 348/460.ccls. and mpeg   | USPAT | OR | ON | 2002/09/24 15:42 |
| S53 | 178 | 348/461.ccls.  | USPAT | OR | ON | 2002/09/24 15:42 |
| S54 | 47  | 348/461.ccls. and mpeg   | USPAT | OR | ON | 2002/09/24 15:59 |
| S55 | 36  | 348/471.ccls.  | USPAT | OR | ON | 2002/09/24 15:59 |
| S56 | 3   | 348/471.ccls. and mpeg   | USPAT | OR | ON | 2002/09/24 16:01 |
| S57 | 111 | 348/472.ccls.  | USPAT | OR | ON | 2002/09/24 16:01 |
| S58 | 3   | 348/472.ccls. and mpeg   | USPAT | OR | ON | 2002/09/24 16:03 |
| S59 | 365 | 348/473.ccls.  | USPAT | OR | ON | 2002/09/24 16:03 |
| S60 | 62  | 348/473.ccls. and mpeg   | USPAT | OR | ON | 2002/09/24 16:03 |
| S61 | 38  | (348/473.ccls. and mpeg) and memory                                    | USPAT | OR | ON | 2002/09/24 16:04 |
| S62 | 9   | ((348/473.ccls. and mpeg) and memory) and (transport adj stream)       | USPAT | OR | ON | 2002/09/24 16:04 |
| S63 | 140 | demultiplexor and demodulator  | USPAT | OR | ON | 2002/09/24 17:32 |
| S64 | 40  | (demultiplexor and demodulator) and mpeg                               | USPAT | OR | ON | 2002/09/24 17:32 |
| S65 | 37  | ((demultiplexor and demodulator) and mpeg) and memory                  | USPAT | OR | ON | 2002/09/24 17:32 |
| S66 | 21  | ((((demultiplexor and demodulator) and mpeg) and memory) and transport | USPAT | OR | ON | 2002/09/24 17:33 |
| S67 | 27  | 345/799.ccls.  | USPAT | OR | ON | 2002/09/25 10:55 |
| S68 | 304 | 345/545.ccls.  | USPAT | OR | ON | 2003/05/28 13:48 |
| S69 | 227 | 345/545.ccls. and video  | USPAT | OR | ON | 2002/09/25 11:18 |
| S70 | 32  | (345/545.ccls. and video) and (digital adj video)                      | USPAT | OR | ON | 2002/09/25 11:19 |
| S71 | 38  | 345/555.ccls. and (digital adj video)                                  | USPAT | OR | ON | 2002/09/25 11:31 |
| S72 | 70  | 345/554.ccls.  | USPAT | OR | ON | 2002/09/25 11:31 |
| S73 | 11  | 345/554.ccls. and (digital adj video)                                  | USPAT | OR | ON | 2002/09/25 11:36 |
| S74 | 93  | 348/714.ccls.  | USPAT | OR | ON | 2002/09/25 11:36 |
| S75 | 24  | 348/714.ccls. and (digital adj video)                                  | USPAT | OR | ON | 2002/09/25 11:36 |
| S76 | 42  | 348/556.ccls. and (digital adj video)                                  | USPAT | OR | ON | 2002/09/25 16:16 |
| S77 | 9   | (zoom adj video) and (frame adj buffer) and (digital adj video)        | USPAT | OR | ON | 2002/09/25 16:36 |

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| S78 | 28    | (zoom adj video) and (memory) and (digital adj video)  | USPAT | OR | ON | 2002/09/25 17:23 |
| S79 | 11    | (transport adj stream adj packet) and (frame adj buffer)   | USPAT | OR | ON | 2002/09/25 17:24 |
| S80 | 98    | 345/547.ccls.  | USPAT | OR | ON | 2002/09/26 10:04 |
| S81 | 0     | 345/547.ccls. and (transport adj stream adj packet)  | USPAT | OR | ON | 2002/09/26 10:05 |
| S82 | 0     | 345/547.ccls. and (stream adj packet)  | USPAT | OR | ON | 2002/09/26 10:05 |
| S83 | 0     | 345/547.ccls. and (transport adj packet)   | USPAT | OR | ON | 2002/09/26 10:06 |
| S84 | 8     | 345/547.ccls. and (packet)   | USPAT | OR | ON | 2002/09/26 10:41 |
| S85 | 115   | 348/423.1.ccls. and @ad<"19990914"   | USPAT | OR | ON | 2003/05/27 11:32 |
| S86 | 5     | 348/423.1.ccls. and @ad<"19990914" and @pd>"20020917"  | USPAT | OR | ON | 2003/05/27 11:43 |
| S87 | 15075 | ((frame adj buffer) or memory or buffer) same line same video  | USPAT | OR | ON | 2003/05/27 11:50 |
| S88 | 5803  | ((frame adj buffer) or memory or buffer) same (line near4 video)   | USPAT | OR | ON | 2003/05/27 11:45 |
| S89 | 1491  | ((frame adj buffer) or memory or buffer) same (line near4 video) same pixel\$1   | USPAT | OR | ON | 2003/05/27 11:46 |
| S90 | 106   | ((frame adj buffer) or memory or buffer) same (line near4 (video adj image)) same pixel\$1   | USPAT | OR | ON | 2003/05/27 11:47 |
| S91 | 0     | (348/423.1.ccls. and @ad<"19990914" and @pd>"20020917") and (((frame adj buffer) or memory or buffer) same (line near4 video) same pixel\$1) | USPAT | OR | ON | 2003/05/27 11:47 |
| S92 | 0     | (348/423.1.ccls. and @ad<"19990914" and @pd>"20020917") and (((frame adj buffer) or memory or buffer) same (line near4 video))               | USPAT | OR | ON | 2003/05/27 11:47 |
| S93 | 1     | (348/423.1.ccls. and @ad<"19990914" and @pd>"20020917") and (((frame adj buffer) or memory or buffer) same line same video)                  | USPAT | OR | ON | 2003/05/27 11:47 |
| S94 | 1     | ((internal adj control adj port\$1) same ((data adj storage) or memory or buffer))   | USPAT | OR | ON | 2003/05/27 12:06 |
| S95 | 5     | internal adj control adj port\$1   | USPAT | OR | ON | 2003/05/27 12:23 |

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| S96  | 61 | (video adj stream) and (control adj port\$1)   | USPAT                          | OR | ON | 2003/05/27 12:24 |
| S97  | 0  | (video adj stream) and ((control adj port\$1) same (data adj storage))   | USPAT                          | OR | ON | 2003/05/27 12:24 |
| S98  | 59 | (video adj stream) and (control adj port\$1) and @ad<"19990914"  | USPAT                          | OR | ON | 2003/05/27 12:25 |
| S99  | 6  | (transport adj stream) and (control adj port\$1) and @ad<"19990914"  | USPAT                          | OR | ON | 2003/05/27 12:25 |
| S100 | 37 | ((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 17:34 |
| S101 | 31 | ((((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer))) and @ad<"19990914"                        | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 16:42 |
| S102 | 0  | (((((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer))) and @ad<"19990914") and (zoom adj video) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 16:43 |
| S103 | 5  | ((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer)) and (one adj line)                           | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 18:13 |
| S104 | 0  | (one adj transport adj stream adj packet) same ((memory adj buffer) or (frame adj buffer)) and (one adj line) and @ad<"19990914"       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 18:14 |
| S105 | 0  | (transport adj stream adj packet) same ((memory adj buffer) or (frame adj buffer)) and (one adj line) and @ad<"19990914"               | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 18:15 |
| S106 | 0  | (transport adj stream with packet) same ((memory adj buffer) or (frame adj buffer)) and (one adj line) and @ad<"19990914"              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 18:19 |
| S107 | 0  | (transport adj stream with data) same ((memory adj buffer) or (frame adj buffer)) and (one adj line) and @ad<"19990914"                | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/27 18:19 |
| S108 | 4  | (transport adj stream with data) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914"                                   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/28 09:47 |

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| S10<br>9 | 9   | (transport adj stream with packet) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914"   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/27 18:24 |
| S11<br>0 | 751 | (stor\$3 same (video adj data)) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914"  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 12:38 |
| S11<br>1 | 2   | (stor\$3 same (video adj data)) same ((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914"  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 12:34 |
| S11<br>2 | 0   | (stor\$3 same (video adj data)) same ((memory adj buffer) or (frame adj buffer)) same (transport adj stream adj packet) and @ad<"19990914"   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 10:01 |
| S11<br>3 | 2   | (stor\$3 same ((video adj data) or (pixel adj (information or data)))) same ((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914" | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 10:10 |
| S11<br>4 | 0   | (stor\$3 same ((video adj data) or (pixel adj (information or data)))) same ((transport adj stream) with packet) same ((memory adj buffer) or (frame adj buffer)) and @ad<"19990914"     | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 10:23 |
| S11<br>5 | 10  | (stor\$3 same ((transport adj stream) with (data or packet)) same ((memory adj buffer) or (frame adj buffer))) and @ad<"19990914"  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 10:24 |
| S11<br>6 | 2   | ("5598525").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2003/05/28 12:39 |
| S11<br>7 | 2   | ((("5598525").PN.) and (frame adj buffer)  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/05/28 12:39 |
| S11<br>8 | 159 | 345/545.ccls. and (frame adj buffer) and @ad<"19990914"  | USPAT                                    | OR | ON  | 2003/05/28 13:49 |
| S11<br>9 | 166 | 345/545.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914"  | USPAT                                    | OR | ON  | 2003/05/28 13:51 |
| S12<br>0 | 139 | (345/545.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914") and video  | USPAT                                    | OR | ON  | 2003/05/28 13:51 |

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| S12<br>1 | 0   | ((345/545.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914") and video) and ((transport adj stream) or tsp)  | USPAT                          | OR | ON | 2003/05/28 13:51 |
| S12<br>2 | 0   | (345/545.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914") and ((transport adj stream) or tsp)  | USPAT                          | OR | ON | 2003/05/28 13:52 |
| S12<br>3 | 0   | (345/546.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914") and ((transport adj stream) or tsp)  | USPAT                          | OR | ON | 2003/05/28 13:52 |
| S12<br>4 | 35  | 345/546.ccls. and ((memor\$3 or frame) adj buffer) and @ad<"19990914"  | USPAT                          | OR | ON | 2003/05/28 14:08 |
| S12<br>5 | 22  | 345/546.ccls. and (((memor\$3 or frame) adj buffer) same line) and @ad<"19990914"  | USPAT                          | OR | ON | 2003/05/28 14:11 |
| S12<br>6 | 18  | 345/546.ccls. and (((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 14:49 |
| S12<br>7 | 4   | 348/554.ccls. and (((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 14:55 |
| S12<br>8 | 1   | 348/714.ccls. and (((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 14:58 |
| S12<br>9 | 5   | 348/716.ccls. and (((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 15:10 |
| S13<br>0 | 1   | 348/561.ccls. and (((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 15:38 |
| S13<br>1 | 4   | ((first adj mode) and (second adj mode)) same ((memory adj buffer) or (frame adj buffer)) and (one adj line) and @ad<"19990914"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/05/28 15:19 |
| S13<br>2 | 325 | ((memor\$3 or frame) adj buffer) same line) same (compress\$4 or tsp or (transport adj stream) or packet) and @ad<"19990914"   | USPAT                          | OR | ON | 2003/05/28 15:30 |
| S13<br>3 | 3   | ((memor\$3 or frame) adj buffer) same line) same (compress\$4 or tsp or (transport adj stream) or packet) and @ad<"19990914") and (multimode\$1 or (multiple adj mode\$1)) | USPAT                          | OR | ON | 2003/05/28 15:28 |

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| S13<br>4 | 246 | (((((memor\$3 or frame) adj buffer) same line) same (compress\$4 or tsp or (transport adj stream) or packet) and @ad<"19990914") and mode\$1 | USPAT                          | OR | ON  | 2003/05/28 15:31 |
| S13<br>5 | 8   | MPEG same mode same<br>(((memor\$3 or frame) adj buffer) same line) same video and @ad<"19990914"  | USPAT                          | OR | ON  | 2003/05/28 15:38 |
| S13<br>6 | 1   | ("5590254").PN.  | USPAT;<br>USOCR                | OR | OFF | 2003/05/28 16:07 |
| S13<br>7 | 1   | ((("5590254").PN.) and (frame adj buffer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:08 |
| S13<br>8 | 1   | ((("5559954").PN.) and (frame adj buffer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:10 |
| S13<br>9 | 1   | ((("5559954").PN.) and (frame adj buffer) same line  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:13 |
| S14<br>0 | 1   | ("5559954").PN.  | USPAT;<br>USOCR                | OR | OFF | 2003/05/28 16:12 |
| S14<br>1 | 1   | ("5548324").PN.  | USPAT;<br>USOCR                | OR | OFF | 2003/05/28 16:13 |
| S14<br>2 | 0   | ((("5548324").PN.) and (frame adj buffer) same line  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:13 |
| S14<br>3 | 1   | ((("5548324").PN.) and (frame adj buffer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:15 |
| S14<br>4 | 1   | ((("5548324").PN.) and (frame adj buffer) same stream\$1   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON  | 2003/05/28 16:15 |
| S14<br>5 | 165 | 345/555.ccls.  | USPAT                          | OR | ON  | 2003/05/29 14:48 |
| S14<br>6 | 156 | 345/555.ccls. and @ad<"19990914"   | USPAT                          | OR | ON  | 2003/05/29 16:01 |
| S14<br>7 | 156 | (345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)   | USPAT                          | OR | ON  | 2003/05/29 16:01 |
| S14<br>8 | 56  | ((345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and (frame adj buffer)  | USPAT                          | OR | ON  | 2003/05/29 14:52 |
| S14<br>9 | 69  | ((345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory adj buffer))                       | USPAT                          | OR | ON  | 2003/05/29 14:52 |



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|----------|-------|---|--------------------|----|----|------------------|
| S15<br>0 | 84    | ((345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer))   | USPAT              | OR | ON | 2003/05/29 15:15 |
| S15<br>1 | 5     | ((345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer)) and transport   | USPAT              | OR | ON | 2003/05/29 15:45 |
| S15<br>2 | 3     | ((345/555.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer)) and transport and modes                                 | USPAT              | OR | ON | 2003/05/29 16:02 |
| S15<br>3 | 29223 | "345"/\$7.ccls. and @ad<"19990914"  | USPAT              | OR | ON | 2003/05/29 16:01 |
| S15<br>4 | 24446 | ("345"/\$7.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)  | USPAT              | OR | ON | 2003/05/29 16:01 |
| S15<br>5 | 138   | ((("345"/\$7.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer)) and transport and modes                              | USPAT              | OR | ON | 2003/05/29 16:47 |
| S15<br>6 | 0     | ((("345"/\$7.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer)) and transport and modes) and (zoom near video)       | USPAT              | OR | ON | 2003/05/29 16:03 |
| S15<br>7 | 13    | ((("345"/\$7.ccls. and @ad<"19990914") and (memory or buffer or stor\$3)) and ((frame adj buffer) or (memory near buffer)) and transport and modes) and (transport near stream) | USPAT              | OR | ON | 2003/05/29 16:03 |
| S15<br>8 | 5     | "345"/\$7.ccls. and @ad<"19990914" and ((frame adj buffer) or (memory near buffer)) and (transport near stream near packet) and modes   | USPAT              | OR | ON | 2003/05/29 16:56 |
| S15<br>9 | 26    | "348"/\$7.ccls. and @ad<"19990914" and ((frame adj buffer) or (memory near buffer)) and (transport near stream near packet) and modes   | USPAT              | OR | ON | 2003/11/20 16:36 |
| S16<br>0 | 540   | mpeg and (transport or "188") and analog and tuner and @ad<"19990914"   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 17:22 |

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S16<br>1 | 16  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 348/555.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:56 |
| S16<br>2 | 21  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 725/46,47,49.ccls. | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:26 |
| S16<br>3 | 11  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 348/554.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:34 |
| S16<br>4 | 1   | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 345/555.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:35 |
| S16<br>5 | 60  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and "345"/\$7.ccls.    | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:36 |
| S16<br>6 | 1   | ("5832085").PN.  | USPAT;<br>USOCR    | OR | OFF | 2003/05/29 20:04 |
| S16<br>7 | 1   | ("5371551").PN.  | USPAT;<br>USOCR    | OR | OFF | 2003/05/29 19:36 |
| S16<br>8 | 1   | ("5555097").PN.  | USPAT;<br>USOCR    | OR | OFF | 2003/05/29 20:09 |
| S16<br>9 | 16  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 348/553.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:57 |
| S17<br>0 | 10  | (mpeg and (transport or "188") and analog and tuner and @ad<"19990914") and 348/558.ccls.      | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/29 19:57 |
| S17<br>1 | 1   | ("5850266").PN.  | USPAT;<br>USOCR    | OR | OFF | 2003/05/29 20:04 |
| S17<br>2 | 1   | ("6181822").PN.  | USPAT;<br>USOCR    | OR | OFF | 2003/05/29 20:09 |
| S17<br>3 | 494 | mpeg and (transport) and analog and tuner and @ad<"19990914"                                   | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/30 10:01 |
| S17<br>4 | 11  | mpeg and (transport) and analog and tuner and @ad<"19990914" and 348/555.ccls.                 | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/30 10:21 |
| S17<br>5 | 19  | mpeg and (transport) and analog and tuner and @ad<"19990914" and 725/46,47,49.ccls.            | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/30 10:13 |
| S17<br>6 | 159 | mpeg and (transport) and analog and tuner and @ad<"19990914" and "348"/\$7.ccls.               | US-PGPUB;<br>USPAT | OR | ON  | 2003/05/30 12:48 |

|          |      |  |                    |    |    |                  |
|----------|------|--|--------------------|----|----|------------------|
| S17<br>7 | 148  | (mpeg and (transport) and analog and tuner and @ad<"19990914" and "348"/\$7.ccls.) not (mpeg and (transport) and analog and tuner and @ad<"19990914" and 348/555.ccls.)                | US-PGPUB;<br>USPAT | OR | ON | 2003/05/30 10:22 |
| S17<br>8 | 0    | mpeg and (transport) and analog and tuner and @ad<"19990914" and "348"/\$7.ccls. and (zoom\$2 adj video)   | US-PGPUB;<br>USPAT | OR | ON | 2003/05/30 12:51 |
| S17<br>9 | 136  | (zoom\$2 adj video) and @ad<"19990914"   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 12:21 |
| S18<br>0 | 14   | (zoom\$2 adj video) and @ad<"19990914" and transport   | US-PGPUB;<br>USPAT | OR | ON | 2003/05/30 12:52 |
| S18<br>1 | 771  | mpeg and (transport or "188") and analog and tuner and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 17:27 |
| S18<br>2 | 430  | mpeg and (transport or "188") and analog and tuner and demodulator and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 17:27 |
| S18<br>3 | 2    | ((mpeg and (transport or "188") and analog and tuner and ((@ad <= "19990914") or (@rlad <= "19990914")))) and (video adj graphics adj adapter)) and (video adj graphics adj adapter)   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 18:48 |
| S18<br>4 | 2    | ((mpeg and (transport or "188") and analog and tuner and ((@ad <= "19990914") or (@rlad <= "19990914")))) and (video adj graphics adj adapter)) and (video near2 adapter)              | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 18:49 |
| S18<br>5 | 0    | ((mpeg and (transport or "188") and analog and tuner and ((@ad <= "19990914") or (@rlad <= "19990914")))) and (video adj graphics adj adapter)) and (video near2 engine)               | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 18:52 |
| S18<br>6 | 0    | ((mpeg and (transport or "188") and analog and tuner and ((@ad <= "19990914") or (@rlad <= "19990914")))) and (video adj graphics adj adapter)) and ((video or graphics) near2 engine) | US-PGPUB;<br>USPAT | OR | ON | 2003/11/19 18:52 |
| S18<br>7 | 1415 | ((frame adj buffer) with line)   | USPAT              | OR | ON | 2003/11/20 16:37 |
| S18<br>8 | 11   | ((frame adj buffer) with (line and (transport or "188")))  | USPAT              | OR | ON | 2003/11/20 16:37 |

|          |    |   |                                |    |    |                  |
|----------|----|---|--------------------------------|----|----|------------------|
| S18<br>9 | 23 | "6411334".pn.",5814168".pn.",<br>6239847".pn.",6501508".pn.",<br>5742349".pn.",5920495".pn.",<br>6411333".pn.",6421698".pn.",<br>5784113".pn.",6339434".pn.",<br>6011566".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 18:37 |
| S19<br>0 | 23 | "6411334".pn.",5814168".pn.",<br>6239847".pn.",6501508".pn.",<br>5742349".pn.",5920495".pn.",<br>6411333".pn.",6421698".pn.",<br>5784113".pn.",6339434".pn.",<br>6011566".pn. and ((@ad <=<br>"19990914") or (@rlad <=<br>"19990914"))                                | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 17:00 |
| S19<br>1 | 2  | ("6411334".pn.",5814168".pn.",<br>6239847".pn.",6501508".pn.",<br>5742349".pn.",5920495".pn.",<br>6411333".pn.",6421698".pn.",<br>5784113".pn.",6339434".pn.",<br>6011566".pn. and ((@ad <=<br>"19990914") or (@rlad <=<br>"19990914")))) and (frame adj<br>buffer\$) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 17:00 |
| S19<br>2 | 33 | ((first adj mode) and (second adj<br>mode)) same ((memory adj<br>buffer) or (frame adj buffer)) and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 17:34 |
| S19<br>3 | 8  | "6480236".pn.",6201564".pn.",<br>5801759".pn.",5748226".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 18:40 |
| S19<br>4 | 8  | "6480236".pn.",6201564".pn.",<br>5801759".pn.",5748226".pn. and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 18:53 |
| S19<br>5 | 12 | "6480236".pn.",6201564".pn.",<br>5801759".pn.",5748226".pn.",<br>6369857".pn.",6351290".pn. and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 18:54 |
| S19<br>6 | 0  | ("6480236".pn.",6201564".pn.",<br>5801759".pn.",5748226".pn.",<br>6369857".pn.",6351290".pn. and<br>((@ad <= "19990914") or (@rlad<br><= "19990914")))) and tuner and<br>demodulator and ((transport adj<br>stream) or mpeg or "188") and<br>graphics                 | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 18:57 |

|          |     |  |                                |    |    |                  |
|----------|-----|--|--------------------------------|----|----|------------------|
| S19<br>7 | 1   | ("6480236".pn.",6201564".pn.",<br>5801759".pn.",5748226".pn.",<br>6369857".pn.",6351290".pn. and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))) and tuner and<br>demodulator and ((transport adj<br>stream) or mpeg or "188") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 19:06 |
| S19<br>8 | 47  | tuner and demodulator and<br>((transport adj stream) or mpeg or<br>"188") and ((video adj graphics<br>adj adapter) or vga) and ((@ad<br><= "19990914") or (@rlad <=<br>"19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/23 19:08 |
| S19<br>9 | 4   | (tuner with analog) and<br>demodulator and ((transport adj<br>stream) or mpeg or "188") and<br>((video adj graphics adj adapter)<br>or vga) and ((@ad <= "19990914") or (@rlad <= "19990914"))                                       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 16:24 |
| S20<br>0 | 778 | 375/240.25-240.29.ccls.  | USPAT                          | OR | ON | 2003/11/24 13:13 |
| S20<br>1 | 390 | 375/240.25.ccls.   | USPAT                          | OR | ON | 2003/11/24 13:12 |
| S20<br>2 | 166 | 375/240.26.ccls.   | USPAT                          | OR | ON | 2003/11/24 13:12 |
| S20<br>3 | 120 | 375/240.27.ccls.   | USPAT                          | OR | ON | 2003/11/24 13:13 |
| S20<br>4 | 117 | 375/240.28.ccls.   | USPAT                          | OR | ON | 2003/11/24 13:13 |
| S20<br>5 | 60  | 375/240.29.ccls.   | USPAT                          | OR | ON | 2003/11/24 13:13 |
| S20<br>6 | 778 | 375/240.25.ccls. or 375/240.26.<br>ccls. or 375/240.27.ccls. or<br>375/240.28.ccls. or 375/240.29.<br>ccls.  | USPAT                          | OR | ON | 2003/11/24 13:13 |
| S20<br>7 | 142 | 375/240.25-240.29.ccls. and<br>(mpeg\$2 and transport) and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))  | USPAT                          | OR | ON | 2003/11/24 13:14 |
| S20<br>8 | 35  | (375/240.25-240.29.ccls. and<br>(mpeg\$2 and transport) and<br>((@ad <= "19990914") or (@rlad<br><= "19990914"))) and ((frame or<br>memory) adj buffer)  | USPAT                          | OR | ON | 2003/11/24 13:15 |

|          |     |   |                                |    |    |                  |
|----------|-----|---|--------------------------------|----|----|------------------|
| S20<br>9 | 9   | (375/240.25-240.29.ccls. and (mpeg\$2 and transport) and ((@ad <= "19990914") or (@rlad <= "19990914"))) and (((frame or memory) adj buffer) same (transport or packet\$7)) | USPAT                          | OR | ON | 2003/11/24 13:16 |
| S21<br>0 | 6   | (375/240.25-240.29.ccls. and (mpeg\$2 and transport) and ((@ad <= "19990914") or (@rlad <= "19990914"))) and (((frame or memory) adj buffer) with (transport or packet\$7)) | USPAT                          | OR | ON | 2003/11/24 13:16 |
| S21<br>1 | 0   | ((frame adj buffer\$1) same (transport adj stream\$1) same packet\$1 same (line\$1 with (memory or storage or buffer)) and ((@ad <= "19990914") or (@rlad <= "19990914")))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 17:28 |
| S21<br>2 | 0   | ("one transport stream packet per line") and ((@ad <= "19990914") or (@rlad <= "19990914"))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 17:27 |
| S21<br>3 | 2   | ("one packet per line") and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 16:30 |
| S21<br>4 | 419 | 348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:50 |
| S21<br>5 | 61  | (frame adj buffer\$1) and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 17:28 |
| S21<br>6 | 25  | ((frame adj buffer\$1) same line\$1) and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:26 |
| S21<br>7 | 3   | ((frame adj buffer\$1) same packet\$1) and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:36 |
| S21<br>8 | 0   | ((frame adj buffer\$1) same "188") and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:36 |
| S21<br>9 | 1   | ((frame adj buffer\$1) same transport) and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:38 |
| S22<br>0 | 16  | ((frame adj buffer\$1) same stream) and (348/714-718.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/11/24 19:49 |

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| S22<br>1 | 65     | ((frame adj buffer\$1) same packet\$1 same line\$1) and ((@ad <= "19990914") or (@rlad <= "19990914"))                               | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 19:50 |
| S22<br>2 | 16     | ((frame adj buffer\$1) with packet\$1 with line\$1) and ((@ad <= "19990914") or (@rlad <= "19990914"))                               | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:08 |
| S22<br>3 | 116026 | (line\$1 with memory) and ((@ad <= "19990914") or (@rlad <= "19990914"))   | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:08 |
| S22<br>4 | 41684  | (line\$1 with video) and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:10 |
| S22<br>5 | 1601   | (line\$1 with "video frame") and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:09 |
| S22<br>6 | 358    | memory same (line\$1 with "video frame") and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:10 |
| S22<br>7 | 10185  | memory same (line\$1 with video) and ((@ad <= "19990914") or (@rlad <= "19990914"))  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:10 |
| S22<br>8 | 71     | ((memory or frame) adj buffer) same (line\$1 with "video frame") and ((@ad <= "19990914") or (@rlad <= "19990914"))                  | US-PGPUB;<br>USPAT;<br>DERWENT           | OR | ON  | 2003/11/24 20:15 |
| S22<br>9 | 2      | ("6285408").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2003/11/24 20:17 |
| S23<br>0 | 2      | ("6157411").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2003/11/25 17:43 |
| S23<br>1 | 149    | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914"))   | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 12:22 |
| S23<br>2 | 79     | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914")) and (digital near4 video)                                     | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 12:23 |
| S23<br>3 | 39     | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914")) and (digital near4 video) and ((memory or frame) with buffer) | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 12:24 |

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|----------|-----|---|--------------------|----|----|------------------|
| S23<br>4 | 19  | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914")) and (digital near4 video) and ((memory or frame) with buffer) and (transport or "188")                     | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 12:26 |
| S23<br>5 | 19  | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914")) and (digital near4 video) and ((memory or frame) with buffer) and (transport or "188") and mode\$1         | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 12:37 |
| S23<br>6 | 19  | (zoom\$2 adj video) and ((@ad <= "19990914") or (@rlad <= "19990914")) and (digital near4 video) and ((memory or frame) with buffer) and (transport or "188") and (mode or modes) | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 12:38 |
| S23<br>7 | 192 | 348/556.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914"))  | USPAT              | OR | ON | 2003/11/25 12:53 |
| S23<br>8 | 0   | 348/556.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and ((video adj graphics adj adapt\$2) or vga)   | USPAT              | OR | ON | 2003/11/25 12:54 |
| S23<br>9 | 17  | 348/556.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator  | USPAT              | OR | ON | 2003/11/25 12:55 |
| S24<br>0 | 9   | 348/556.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188")   | USPAT              | OR | ON | 2003/11/25 13:12 |
| S24<br>1 | 0   | "6549240".uref.   | USPAT              | OR | ON | 2003/11/25 13:09 |
| S24<br>2 | 1   | "6225589".PN.   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 13:10 |
| S24<br>3 | 1   | "6069664".PN.   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 13:10 |
| S24<br>4 | 1   | "5999220".PN.   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 13:11 |
| S24<br>5 | 43  | 348/725.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188")   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 13:13 |



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| S24<br>6 | 15 | 348/725.ccls. and ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and bus  | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:01 |
| S24<br>7 | 47 | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and bus and (vga or ("video graphics adapter") or ("video engine"))  | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:50 |
| S24<br>8 | 52 | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and bus and ((video with (graphics or adapter)) or ("video engine")) and ((frame or memory) adj buffer) and (cpu or processor)   | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:52 |
| S24<br>9 | 52 | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and bus and ((video with (graphics or adapter)) or ("video engine")) and ((frame or memory) adj buffer) and (cpu or processor) and analog and digital                              | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:53 |
| S25<br>0 | 57 | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and (bus or interface) and ((video with (graphics or adapter)) or ("video engine")) and ((frame or memory) adj buffer) and (cpu or processor) and analog and digital               | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:53 |
| S25<br>1 | 52 | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and (bus or interface) and ((video with (graphics or adapter)) or ("video engine")) and ((frame or memory) adj buffer) and (cpu or processor) and analog and digital and broadcast | US-PGPUB;<br>USPAT | OR | ON | 2003/11/25 14:56 |

|          |     |   |  |    |     |                  |
|----------|-----|---|--|----|-----|------------------|
| S25<br>2 | 49  | ((@ad <= "19990914") or (@rlad <= "19990914")) and tuner and demodulator and (transport or stream or "188") and (bus) and ((video with (graphics or adapter)) or ("video engine")) and ((frame or memory) adj buffer) and (cpu or processor) and analog and digital and broadcast | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 15:46 |
| S25<br>3 | 221 | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast")  | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 15:47 |
| S25<br>4 | 23  | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (tuner with analog)  | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 15:47 |
| S25<br>5 | 19  | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (tuner with analog) and demodulator  | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 15:47 |
| S25<br>6 | 17  | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (tuner with analog) and demodulator and (transport or "188" or stream)   | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/11/25 15:48 |
| S25<br>7 | 8   | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (tuner with analog) and demodulator and (transport or "188" or stream) and bus   | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/12/01 12:36 |
| S25<br>8 | 2   | ("6169843").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2003/11/25 17:44 |
| S25<br>9 | 2   | ("5832085").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | OFF | 2003/11/25 17:45 |
| S26<br>0 | 0   | "0849954"   | EPO                                      | OR | ON  | 2003/11/25 17:46 |
| S26<br>1 | 1   | "849954"  | EPO                                      | OR | ON  | 2003/11/25 17:46 |
| S26<br>2 | 10  | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (tuner with analog) and demodulator and (transport or "188" or stream) and (bus or interface)  | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/12/02 16:37 |
| S26<br>3 | 1   | "6141062".PN.   | US-PGPUB;<br>USPAT                       | OR | ON  | 2003/12/02 14:39 |

|          |     |  |                                |    |    |                  |
|----------|-----|--|--------------------------------|----|----|------------------|
| S26<br>4 | 1   | "6011594".PN.  | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 14:40 |
| S26<br>5 | 1   | "5838385".PN.  | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 14:47 |
| S26<br>6 | 1   | "5734442".PN.  | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 14:48 |
| S26<br>7 | 0   | "6519283".uref.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2003/12/02 14:48 |
| S26<br>8 | 12  | ((@ad <= "19990914") or (@rlad <= "19990914")) and ("digital video broadcast") and (control adj (signal or signals)) and ((memory or frame) adj buffer) and (transport or "188" or stream) and bus | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 14:56 |
| S26<br>9 | 820 | ((@ad <= "19990914") or (@rlad <= "19990914")) and 348/460, 468,473,474.ccls.  | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 16:38 |
| S27<br>0 | 4   | ((@ad <= "19990914") or (@rlad <= "19990914")) and 348/460, 468,473,474.ccls. and adams.in.  | US-PGPUB;<br>USPAT             | OR | ON | 2003/12/02 16:38 |
| S27<br>1 | 0   | (zoom adj video) and (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control)   | USPAT                          | OR | ON | 2004/05/31 13:39 |
| S27<br>2 | 0   | (zoom near4 video) and (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control)   | USPAT                          | OR | ON | 2004/05/31 13:40 |
| S27<br>3 | 144 | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control)  | USPAT                          | OR | ON | 2004/05/31 13:41 |
| S27<br>4 | 109 | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control) and ((@ad <= "19990914")(@rlad <= "19990914"))                       | USPAT                          | OR | ON | 2004/05/31 13:42 |
| S27<br>5 | 57  | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control) and bus and ((@ad <= "19990914")(@rlad <= "19990914"))               | USPAT                          | OR | ON | 2004/05/31 13:42 |

|          |    |  |       |    |    |                  |
|----------|----|--|-------|----|----|------------------|
| S27<br>6 | 48 | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control) and (buffer buffers) and bus and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/05/31 14:28 |
| S27<br>7 | 7  | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control) and ((buffer buffers) with bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 10:54 |
| S27<br>8 | 7  | (compressed with (transport adj stream)) and (digital anj video) and (television tv hdtv) and (synch synchronization control) and ((buffer buffers) with bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 11:02 |
| S27<br>9 | 0  | ((compressed with (transport adj stream)) same (demodulator) same (demultiplexor demultiplexer)) and (digital anj video) and (broadcast) and ((video adj graphics adj adapter) (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914")) | USPAT | OR | ON | 2004/06/01 11:05 |
| S28<br>0 | 0  | ((((transport adj stream)) same (demodulator) same (demultiplexor demultiplexer)) and (digital anj video) and (broadcast) and ((video adj graphics adj adapter) (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))                | USPAT | OR | ON | 2004/06/01 14:32 |
| S28<br>1 | 13 | ((((transport adj stream) mpeg) same (demodulator)) and (demultiplexor demultiplexer) and (digital anj video) and (broadcast) and ((video adj graphics adj adapter) (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))            | USPAT | OR | ON | 2004/06/01 11:11 |

|          |     |  |       |    |    |                  |
|----------|-----|--|-------|----|----|------------------|
| S28<br>2 | 89  | ((((transport adj stream) mpeg) same (demodulator)) and (demultiplexor demultiplexer) and (digital adj video) and (broadcast) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 11:13 |
| S28<br>3 | 22  | ((((transport adj stream) mpeg) same (demodulator)) and (demultiplexor demultiplexer) and (digital adj video) and (broadcast) and (pci adj bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 11:27 |
| S28<br>4 | 4   | (tuner with (digital adj video adj broadcast)) and (demodulator) and (demultiplexor demultiplexer) and (pci adj bus) and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/01 11:32 |
| S28<br>5 | 4   | (tuner with (digital adj video adj broadcast)) and (demodulator) and (demultiplexor demultiplexer) and (bus) and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/01 11:33 |
| S28<br>6 | 4   | (tuner same (digital adj video adj broadcast)) and (demodulator) and (demultiplexor demultiplexer) and (bus) and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/01 11:33 |
| S28<br>7 | 15  | (tuner and (digital adj video adj broadcast)) and (demodulator) and (demultiplexor demultiplexer) and (bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 13:38 |
| S28<br>8 | 14  | tuner and demodulator and (demultiplexor demultiplexer) and (pci adj bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 13:39 |
| S28<br>9 | 204 | (tuner and demodulator and (demultiplexor demultiplexer) and (bus) and ((@ad <= "19990914")(@rlad <= "19990914"))) not (tuner and demodulator and (demultiplexor demultiplexer) and (pci adj bus) and ((@ad <= "19990914")(@rlad <= "19990914")) | USPAT | OR | ON | 2004/06/01 13:41 |

|          |      |   |       |    |    |                  |
|----------|------|---|-------|----|----|------------------|
| S29<br>0 | 4290 | ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT | OR | ON | 2004/06/01 14:33 |
| S29<br>1 | 11   | (transport adj stream) and ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))                          | USPAT | OR | ON | 2004/06/01 14:43 |
| S29<br>2 | 446  | (mpeg) and ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/01 14:44 |
| S29<br>3 | 1635 | (digital near2 video) and ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))                           | USPAT | OR | ON | 2004/06/01 14:44 |
| S29<br>4 | 74   | (digital near2 video) and demodulator and ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914"))           | USPAT | OR | ON | 2004/06/01 14:45 |
| S29<br>5 | 33   | tuner and (digital near2 video) and demodulator and ((video adj graphics adj (adapter array)) vga (video adj adapter)) and ((pci adj bus) bus) and ((@ad <= "19990914")(@rlad <= "19990914")) | USPAT | OR | ON | 2004/06/01 14:45 |
| S29<br>6 | 218  | tuner and demodulator and (demultiplexor demultiplexer) and (bus) and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/01 16:01 |
| S29<br>7 | 378  | 345/519,520.ccls.   | USPAT | OR | ON | 2004/06/03 11:27 |
| S29<br>8 | 336  | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914"))  | USPAT | OR | ON | 2004/06/03 14:03 |
| S29<br>9 | 299  | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and bus  | USPAT | OR | ON | 2004/06/03 11:28 |

|          |      |  |                            |    |    |                  |
|----------|------|--|----------------------------|----|----|------------------|
| S30<br>0 | 34   | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (digital adj video) and bus           | USPAT                      | OR | ON | 2004/06/03 15:26 |
| S30<br>1 | 9    | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (digital adj video) and (pci adj bus) | USPAT                      | OR | ON | 2004/06/03 12:25 |
| S30<br>2 | 88   | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (pci adj bus)                         | USPAT                      | OR | ON | 2004/06/03 12:34 |
| S30<br>3 | 74   | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (pci adj bus) and video               | USPAT                      | OR | ON | 2004/06/03 14:02 |
| S30<br>4 | 3    | 345/519,520.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and tuner and (pci near2 bus)             | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:08 |
| S30<br>5 | 9055 | intel.as.  | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:08 |
| S30<br>6 | 1249 | intel.as. and pci  | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:09 |
| S30<br>7 | 882  | intel.as. and pci and ((@ad <= "19990914")(@rlad <= "19990914"))   | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:09 |
| S30<br>8 | 23   | intel.as. and pci and ((@ad <= "19990914")(@rlad <= "19990914")) and tuner                                 | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:17 |
| S30<br>9 | 14   | pci and ((@ad <= "19990914")(@rlad <= "19990914")) and tuner and (video near4 engine)                      | US-PGPUB;<br>USPAT         | OR | ON | 2004/06/03 14:35 |
| S31<br>0 | 14   | pci and ((@ad <= "19990914")(@rlad <= "19990914")) and tuner and (video near4 engine)                      | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/06/03 14:40 |
| S31<br>1 | 53   | pci and tuner and (video near4 engine)   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/06/03 14:35 |
| S31<br>2 | 75   | pci and ((@ad <= "19990914")(@rlad <= "19990914")) and tuner and (video near4 (adapter engine))            | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/06/03 15:10 |

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S31<br>3 | 61   | (pci and ((@ad <= "19990914")(@rlad <= "19990914"))) and tuner and (video near4 (adapter engine))) not (pci and ((@ad <= "19990914")(@rlad <= "19990914"))) and tuner and (video near4 engine)) | US-PGPUB;<br>USPAT;<br>EPO                              | OR | ON  | 2004/06/03 14:40 |
| S31<br>4 | 1886 | 345/519,520,531,534,545-547, 554-556,564-568,788,799.ccls. and ((@ad <= "19990914")(@rlad <= "19990914"))   | USPAT   | OR | ON  | 2004/06/03 15:27 |
| S31<br>5 | 1362 | 345/519,520,531,534,545-547, 554-556,564-568,788,799.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (bus or (pci near2 bus))  | USPAT   | OR | ON  | 2004/06/03 15:28 |
| S31<br>6 | 287  | 345/519,520,531,534,545-547, 554-556,564-568,788,799.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (bus or (pci near2 bus)) and (mpeg compressed (transport adj stream))             | USPAT   | OR | ON  | 2004/06/03 15:30 |
| S31<br>7 | 21   | 345/519,520,531,534,545-547, 554-556,564-568,788,799.ccls. and ((@ad <= "19990914")(@rlad <= "19990914")) and (bus or (pci near2 bus)) and (mpeg compressed (transport adj stream)) and tuner   | USPAT   | OR | ON  | 2004/07/10 16:30 |
| S31<br>8 | 25   | (pci adj bus) same ((video adj graphics adj adapter) vga (graphics adj adapter)(graphics adj engine)) and ((tuner) same (digital adj video))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:55 |
| S31<br>9 | 25   | (pci adj bus) same ((video adj graphics adj adapter) vga (graphics adj adapter)(graphics adj engine)) and ((tuner) same (digital adj video)) and ((@ad <= "19990914")(@rlad <= "19990914"))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:05 |
| S32<br>0 | 5    | hauppauge.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:07 |



|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S32<br>1 | 5  | hauppauge\$.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:11 |
| S32<br>2 | 0  | escape.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:11 |
| S32<br>3 | 0  | ("hauppauge computer works").as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:11 |
| S32<br>4 | 0  | ("hauppauge computer works").as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 15:11 |
| S32<br>5 | 5  | hauppauge\$.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 15:12 |
| S32<br>6 | 39 | "wintv" or ("win-tv")(win adj tv)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 15:12 |
| S32<br>7 | 38 | "wintv" or ("win-tv")(win adj tv)<br>and ((@ad <= "19990914")(@rlad<br><= "19990914"))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 15:19 |
| S32<br>8 | 29 | ("wintv" or ("win-tv")(win adj tv))<br>and ((@ad <= "19990914")(@rlad<br><= "19990914"))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 15:42 |
| S32<br>9 | 0  | ((pci adj bus)(system adj bus)<br>bus) same (memory adj buffer))<br>and ((transport adj stream) same<br>tuner same (dwb (digital adj video<br>adj broadcast))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:59 |
| S33<br>0 | 0  | ((pci adj bus)(system adj bus)<br>bus) same (memory adj buffer))<br>and ((transport adj stream) same<br>tuner same (dwb (digital adj video<br>adj broadcast))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:49 |

|          |    |   |   |    |     |                  |
|----------|----|---|---|----|-----|------------------|
| S33<br>1 | 0  | ((pci adj bus)(system adj bus) bus) same (memory near4 buffer)) and ((transport adj stream) same tuner same (dvb (digital adj video adj broadcast)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:00 |
| S33<br>2 | 19 | ((pci adj bus)(system adj bus) bus) same (memory near4 buffer)) and ((transport adj stream) and tuner and (dvb (digital adj video adj broadcast)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:01 |
| S33<br>3 | 9  | ((pci adj bus)(system adj bus) bus) same (memory near4 buffer)) and ((transport adj stream) and tuner and (dvb (digital adj video adj broadcast))) and ((@ad <= "19990914")(@rlad <= "19990914")) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:01 |
| S33<br>4 | 6  | ((pci adj bus)(system adj bus) bus) same (memory)) and ((transport adj stream) same tuner same (dvb (digital adj video adj broadcast)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:59 |
| S33<br>5 | 0  | ((pci adj bus)(system adj bus) bus) same (memory)) and ((transport adj stream) same tuner same (dvb (digital adj video adj broadcast))) and ((@ad <= "19990914")(@rlad <= "19990914"))            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/05/11 16:50 |
| S33<br>6 | 1  | ("6606450").PN.   | USPAT   | OR | OFF | 2005/05/11 17:00 |
| S33<br>7 | 1  | ("6397327").PN.   | USPAT   | OR | OFF | 2005/05/11 17:01 |
| S33<br>8 | 1  | ("5909559").PN.   | USPAT   | OR | OFF | 2005/05/12 14:01 |
| S33<br>9 | 1  | ("6397000").PN.   | USPAT   | OR | OFF | 2005/05/12 14:50 |
| S34<br>0 | 1  | ("5982363").PN.   | USPAT   | OR | OFF | 2005/05/12 15:46 |
| S34<br>1 | 1  | ("5832085").PN.   | USPAT   | OR | OFF | 2005/05/12 15:46 |